

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	75	establish\$3 same transmission\$1 same power\$1 same (measur\$3 or detect\$3) same (voltage\$1) same (current\$1) same output\$3 same amplifier\$1 and antenna\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 19:15
L4	37	antenna\$1 near20 slit\$1 same (switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 19:15
S1	4	(("20050239423") or ("6349216")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 12:04
S2	6	(("20050239423") or ("6349216") or ("5673287")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 12:25
S3	45	control\$3 same load\$3 near20 (impedance\$1) same (antenna\$1) same (PA\$1 or power\$1 adj1 amplifier\$1) same (increas\$3)same (power\$1) same (output\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 18:14
S4	202	control\$3 same (impedance\$1) same (antenna\$1) same (PA\$1 or power\$1 adj1 amplifier\$1) same (increas\$3)same (power\$1) same (output\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 13:51
S5	4	("5654679"   "5678199").PN. OR ("6223022").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22
S6	1096	455/127.1.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22
S7	344	455/127.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22
S8	142	455/127.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22

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S9	78	455/127.4.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22
S10	115	455/127.5.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22
S11	140	455/115.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22
S12	140	455/115.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:22
S13	80	455/115.2.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:23
S14	145	455/114.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:23
S15	2384	455/522.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:23
S16	158	455/107.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:25
S17	626	330/297.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:25
S18	464	330/144.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:25
S19	572	330/298.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:25
S20	883	330/129.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:25
S21	336	330/127.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/06 17:25
S22	52	control\$3 same (impedance\$1) same (antenna\$1) same (PA\$1 or power\$1 adj1 amplifier\$1) same (power\$1) same (output\$3) and control\$3 same (capacitive\$1) same (ground\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 13:56

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S23	3	control\$3 same (impedance\$1) same (antenna\$1) same (PA\$1 or power\$1 adj1 amplifier\$1) and control\$3 same (capacitive\$1) same (ground\$1) same (varactor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:03
S24	32	control\$3 same (impedance\$1) same (antenna\$1) same (PA\$1 or power\$1 adj1 amplifier\$1) and chang\$3 same (size\$1) near10 (antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:17
S25	7	control\$3 same (impedance\$1) same (antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and control\$3 same (capacitive\$1) same (ground\$1) same (varactor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:10
S26	19	control\$3 same (impedance\$1) same (antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and control\$3 and (capacitive\$1) same (ground\$1) same (varactor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:05
S27	2	("6,061,025").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 14:25
S28	31	("4751513"   "5281974"   "5309163"   "5420596"   "5777581").PN. OR ("6061025").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/11 15:16
S29	0	control\$3 same (impedance\$1) same (antenna\$1) same (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) near10 (antenna\$1) same (slit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:23
S30	8	control\$3 same (impedance\$1) same (antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) same (slit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 16:00
S31	39	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) same (slit\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:37

## EAST Search History

S32	5723	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 18:29
S33	221	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) and slit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:42
S34	3	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) same (slit\$3) same (switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:45
S35	787	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) same (slit\$3 or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:46
S36	41	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) same (slit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 15:46
S37	616	control\$3 same (antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) same (slit\$1 or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 16:17
S38	164	S37 and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 16:36
S39	56	S37 and (dielectric\$1) same (factor\$1 or voltage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 17:38

## EAST Search History

S40	3	antenna\$1 same (dielectric\$1) same (factor\$1 or voltage\$1) same (chang\$3 or increas\$3) near10 (size\$1) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 17:40
S41	40	antenna\$1 same (dielectric\$1) same (factor\$1 or voltage\$1) and (chang\$3 or increas\$3) near10 (size\$1) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 17:54
S42	1172	455/73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 17:54
S43	330	455/77.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 17:56
S44	7	antenna\$1 same (control\$3 or chang\$3 or adjust\$3) near10 (slit\$1) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 18:06
S45	9	antenna\$1 same (control\$3 or chang\$3 or adjust\$3) near10 (slit\$1) and power same amplifier\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 18:09
S46	378	antenna\$1 same (control\$3 or chang\$3 or adjust\$3) near10 (slit\$1 or gap\$1 or split\$3) and power same amplifier\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 18:29
S47	116	antenna\$1 same (control\$3 or chang\$3 or adjust\$3) near10 (slit\$1 or gap\$1 or split\$3) and power same amplifier\$1 and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 18:11

## EAST Search History

S48	1097	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) and "343"/\$.ccls. and (slit\$1 or gap\$1 or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 18:33
S49	998	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) and "343"/\$.ccls. and (slit\$1 or gap\$1 or switch\$3) same (antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:41
S50	225	S49 and adjust\$3 same (size\$1 or length\$1) near10 (antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 18:40
S51	17	S49 and adjust\$3 same (voltage\$1) same dielectric\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 11:35
S52	593	343/876.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 19:00
S53	117	348/767.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/11 19:00
S54	1099	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) and "343"/\$.ccls. and (slit\$1 or gap\$1 or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 11:36
S55	18	S54 and adjust\$3 same (voltage\$1) same dielectric\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 11:36

## EAST Search History

S56	1000	(antenna\$1) and (PA\$1 or power\$1 adj1 amplifier\$1) and (increas\$3 or chang\$3) same (size\$1) same (antenna\$1) and "343"/\$.ccls. and (slit\$1 or gap\$1 or switch\$3) same (antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:41
S57	2	("6,075,485").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 13:46
S58	35	("3886558"   "3886561"   "5166693"   "5325103"   "5385623"   "5400043"   "5408241"   "5662982"   "5712605"   "5714961"   "5739796").PN. OR ("6075485").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:18
S59	1	S56 and (vary\$3) same (capacitance\$1) same (varactor\$1) same (switch\$3 or connect\$3 or disconnect\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:24
S60	20	"343"/\$.ccls. and antenna\$1 same (vary\$3) same (capacitance\$1) same (varactor\$1) same (switch\$3 or connect\$3 or disconnect\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:38
S61	3	455/193.3.ccls. and antenna\$1 same (varactor\$1) same (switch\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:50
S62	44	455/193.3.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:39
S63	5	("5335368"   "5754141"   "6297778"   "6590538"   "6611691").PN. OR ("6862432").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:43
S64	73	"455"/\$.ccls. and antenna\$1 same (varactor\$1) same (switch\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/12 14:50
S65	80	"455"/\$.ccls. and antenna\$1 same (varactor\$1) same (switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 16:26

## EAST Search History

S66	72	"343"/\$.ccls. and antenna\$1 same (varactor\$1) same (switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 15:13
S67	30	antenna\$1 same (varactor\$1) same (switch\$3)	EPO; JPO	OR	OFF	2006/09/12 18:01
S68	1	jp-56043880-.did.	EPO; JPO	OR	OFF	2006/09/12 17:47
S69	1	jp-63059105-.did.	EPO; JPO	OR	OFF	2006/09/12 17:51
S70	1	jp-55137703-.did.	EPO; JPO	OR	OFF	2006/09/12 17:51
S71	32	antenna\$1 and (varactor\$1) same (switch\$3)	EPO; JPO	OR	OFF	2006/09/12 17:58
S72	90	antenna\$1 same (varactor\$1) same (switch\$3) same (connect\$3 or disconnect\$3) same (capacit\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 18:53
S73	147	antenna\$1 same (varactor\$1) same (switch\$3) same (connect\$3 or disconnect\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 12:53
S74	86	antenna\$1 same (varactor\$1) same (connect\$3 or disconnect\$3)	EPO; JPO	OR	OFF	2006/09/13 14:02
S75	9	antenna\$1 same (varactor\$1) and capacitive\$1	EPO; JPO	OR	OFF	2006/09/13 14:04
S76	188	antenna\$1 same (varactor\$1)	EPO; JPO	OR	OFF	2006/09/13 14:39
S77	1	antenna\$1 same (varactor\$1) and (phone\$1 or cellular\$1)	EPO; JPO	OR	OFF	2006/09/13 14:05
S78	6	antenna\$1 same (varactor\$1) and (power\$1)same (amplifier\$1)	EPO; JPO	OR	OFF	2006/09/13 14:06
S79	6	antenna\$1 and (varactor\$1) and (power\$1)same (amplifier\$1)	EPO; JPO	OR	OFF	2006/09/13 14:06
S80	113	antenna\$1 and (varactor\$1) same (switch\$3 or connect\$3 or disconnect\$3)	EPO; JPO	OR	OFF	2006/09/13 14:07

## EAST Search History

S81	54	antenna\$1 near10 (varactor\$1) near10 (connect\$3 or disconnect\$3) and "343"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 17:40
S82	52	antenna\$1 near10 (varactor\$1) near10 (connect\$3 or disconnect\$3) and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 17:44
S83	283	455/191.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 18:32
S84	2	("20050239423").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 18:39
S85	648	transmission\$1 same power\$1 same (measur\$3 or detect\$3) same (voltage\$1) same (current\$1) same output\$3 same amplifier\$1 and antenna\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 15:53
S86	289	S85 and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 19:07
S87	36	S85 and "455"/127\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/13 19:07